Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 16 Aug 2022 until 23:59 on Wednesday 17 Aug 2022

Forecast Issued on Tuesday 16 Aug 2022 at 03:57

Confidence: High for cooler temperatures than recently, with more changeable conditions. Low for detail regarding shower detail, and timings of weather front later in week.

Headline for Tuesday 16 Aug 2022: Generally rather cloudy with further showers developing, potentially heavy and thundery.

Mountain weather hazards on Tuesday 16 Aug 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light rain showers	Thunderstorm	Light rain showers	Light rain
Precipitation probability					
10%	20%	60%	60%	60%	50%

Forecast for Tuesday 16 Aug 2022

Weather: Generally rather cloudy with isolated showers at first. The showers become more frequent into the afternoon and heavy in places with a chance of lightning and hail. Showers likely to continue through the evening with the risk of thunder lowering.

Chance of cloud-free hill tops above 600m: 50% at first, becoming 90% into the afternoon, but may decrease to 40% by late evening.

Low cloud and visibility: Patchy cloud down to 500m at first, giving poor visibility, should lift above summits through daytime, although any heavy showers may see patches briefly lower again. Outside showers visibility generally good. Into the evening more extensive cloud may develop above 400-500m, especially on eastern slopes.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Tuesday 16 Aug 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/13 W	9/11 W	9/12 W	8/12 W	14/21 NE	17/24 NE	18/26 NE
300	8/9 W	7/9 W	7/10 W	7/11 NW	12/22 NE	15/27 NE	17/29 NE
Valley	5/8 W	5/8 W	5/9 W	7/11 NW	14/25 NE	16/31 NE	18/34 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/12	14/12	15/14	16/15	13/10	11/8	10/7
300	15/14	16/15	18/17	19/18	16/14	13/11	12/10
Valley	16/16	17/17	19/19	20/19	16/14	14/11	13/10
Freezing Level*	2800m	2800m	2900m	2900m	2900m	2900m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

In/near any heavy or thundery showers winds could briefly become more gusty.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 16 Aug 2022	0mm	0mm	0mm

Forecast for Wednesday 17 Aug 2022

Weather: A cloudy start with showery outbreaks of rain, but it should become drier through the morning with bright or sunny spells developing into the afternoon.

Maximum wind: Northeast 25mph gust 35mph.

Chance of cloud-free hill tops above 600m: 10% becoming 90%.

Low cloud and visibility: Rather extensive cloud likely above 400m through the early hours and into the start of the morning, especially on eastern slopes, giving poor visibility. Cloud will gradually lift and break into the early afternoon, with visibility expected to become generally good.

Temperature: **Valleys:** Plus 14 Celsius becoming 19 Celsius
At 600m: Plus 11 Celsius becoming 14 Celsius.
Freezing level: Above summits.

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